

1 **ABSTRACT OF THE DISCLOSURE UNDER 37 C.F.R. §1.72(b)**
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3 An encryption arrangement for multiple encryption of television programs. A
4 system according to embodiments of the present invention multiple encrypts only a
5 portion of the data required for full presentation of a television program to permit
6 coexistence of multiple conditional access encryption systems associated with
7 multiple manufacturer's set-top boxes within a single system. In one embodiment,
8 a time slicing technique is used to encrypt portions of a program on a time allocated
9 basis. By only encrypting a portion of the program, dramatically less bandwidth is
10 consumed than the alternative of multiple encryption of all program data, thus
11 permitting a larger number of programs to be carried over the same bandwidth while
12 permitting coexistence of multiple conditional access systems in a single cable
13 television system.
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